

Peng-peng Wang

List of Publications by Year in descending order

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33
papers

1,892
citations

331259

21
h-index

433756

31
g-index

33
all docs

33
docs citations

33
times ranked

3627
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Three-Dimensional Assembly of Single-Layered MoS ₂ . <i>Advanced Materials</i> , 2014, 26, 964-969. | 11.1 | 415 |
| 2 | A 1D/2D Helical CdS/ZnIn ₂ S ₄ Nano-Heterostructure. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 2339-2343. | 7.2 | 232 |
| 3 | Hydrothermal Synthesis of Hollow Silica Spheres under Acidic Conditions. <i>Langmuir</i> , 2011, 27, 7185-7191. | 1.6 | 134 |
| 4 | Inorganic Nanostructures with Sizes down to 1 nm: A Macromolecule Analogue. <i>Journal of the American Chemical Society</i> , 2013, 135, 11115-11124. | 6.6 | 101 |
| 5 | Fine Tuning of the Structure of Pt-Cu Alloy Nanocrystals by Glycine-Mediated Sequential Reduction Kinetics. <i>Small</i> , 2013, 9, 3063-3069. | 5.2 | 95 |
| 6 | Cooperative expression of atomic chirality in inorganic nanostructures. <i>Nature Communications</i> , 2017, 8, 14312. | 5.8 | 91 |
| 7 | Well-Constructed Single-Layer Molybdenum Disulfide Nanorose Cross-Linked by Three Dimensional-Reduced Graphene Oxide Network for Superior Water Splitting and Lithium Storage Property. <i>Scientific Reports</i> , 2015, 5, 8722. | 1.6 | 79 |
| 8 | A novel yeast bio-template route to synthesize Cr ₂ O ₃ hollow microspheres. <i>Materials Chemistry and Physics</i> , 2009, 114, 26-29. | 2.0 | 73 |
| 9 | General synthesis of inorganic single-walled nanotubes. <i>Nature Communications</i> , 2015, 6, 8756. | 5.8 | 61 |
| 10 | Biomimetic Multifunctional Nanochannels Based on the Asymmetric Wettability of Heterogeneous Nanowire Membranes. <i>Advanced Materials</i> , 2014, 26, 1071-1075. | 11.1 | 59 |
| 11 | Self-Adjustable Crystalline Inorganic Nanocoils. <i>Journal of the American Chemical Society</i> , 2013, 135, 6834-6837. | 6.6 | 56 |
| 12 | Family of Multifunctional Layered-Lanthanum Crystalline Nanowires with Hierarchical Pores: Hydrothermal Synthesis and Applications. <i>Journal of the American Chemical Society</i> , 2009, 131, 16953-16960. | 6.6 | 55 |
| 13 | Colloidal Binary Supracrystals with Tunable Structural Lattices. <i>Journal of the American Chemical Society</i> , 2018, 140, 9095-9098. | 6.6 | 53 |
| 14 | Assembled Suprastructures of Inorganic Chiral Nanocrystals and Hierarchical Chirality. <i>Journal of the American Chemical Society</i> , 2017, 139, 6070-6073. | 6.6 | 40 |
| 15 | Hydrogen Bond Nanoscale Networks Showing Switchable Transport Performance. <i>Scientific Reports</i> , 2012, 2, 612. | 1.6 | 38 |
| 16 | A Monolayer Polyoxometalate Superlattice. <i>Advanced Materials</i> , 2014, 26, 4339-4344. | 11.1 | 36 |
| 17 | Hydrothermal synthesis of mesoporous silica spheres: effect of the cooling process. <i>Nanoscale</i> , 2012, 4, 7114. | 2.8 | 30 |
| 18 | ±-MnO ₂ nanowires as building blocks for the construction of 3D macro-assemblies. <i>Chemical Communications</i> , 2012, 48, 5925. | 2.2 | 29 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Hierarchical MnO ₂ /SnO ₂ Heterostructures for a Novel Free-Standing Ternary Thermite Membrane. <i>Inorganic Chemistry</i> , 2013, 52, 9449-9455. | 1.9 | 28 |
| 20 | Multivalent assembly of ultrasmall nanoparticles: One-, two-, and three-dimensional architectures of 2 nm gold nanoparticles. <i>Nano Research</i> , 2012, 5, 283-291. | 5.8 | 27 |
| 21 | General synthesis and characterization of a family of layered lanthanide (Pr, Nd, Sm, Eu, and Gd) hydroxide nanowires. <i>Nanoscale</i> , 2011, 3, 2529. | 2.8 | 22 |
| 22 | Ultrathin Ca ₄ PO ₃ Solid-Solution Nanowires: A Controllable Synthesis and Full-Color Emission by Rare-Earth Doping. <i>Chemistry - A European Journal</i> , 2012, 18, 13702-13711. | 1.7 | 21 |
| 23 | Nanowire Membrane-based Nanothermite: towards Processable and Tunable Interfacial Diffusion for Solid State Reactions. <i>Scientific Reports</i> , 2013, 3, 1694. | 1.6 | 20 |
| 24 | Anion-Exchange-Driven Disassembly of a SiO ₂ /CTAB Composite Mesophase: the Formation of Hollow Mesoporous Silica Spheres. <i>Inorganic Chemistry</i> , 2012, 51, 9539-9543. | 1.9 | 18 |
| 25 | Self-assembly of TiO ₂ nanoparticles into chains, films and honeycomb networks. <i>CrystEngComm</i> , 2014, 16, 1584. | 1.3 | 18 |
| 26 | Growth of Concave Polyhedral Pd Nanocrystals with 32 Facets Through In Situ Facet-Selective Etching. <i>ChemSusChem</i> , 2013, 6, 1893-1897. | 3.6 | 17 |
| 27 | Inorganic Chiral Hybrid Nanostructures for Tailored Chiroptics and Chirality-Dependent Photocatalysis. <i>Angewandte Chemie - International Edition</i> , 2022, 61, . | 7.2 | 12 |
| 28 | Zinc Sulfide Nanosheet-Based Hybrid Superlattices with Tunable Architectures Showing Enhanced Photoelectrochemical Properties. <i>Small</i> , 2015, 11, 3909-3915. | 5.2 | 11 |
| 29 | Facile and generalized encapsulations of inorganic nanocrystals with nitrogen-doped carbonaceous coating for multifunctionality. <i>Nanoscale</i> , 2015, 7, 3254-3262. | 2.8 | 10 |
| 30 | Crystal growth by leaps and bounds based on self-assembly: insight from titania. <i>CrystEngComm</i> , 2012, 14, 7648. | 1.3 | 8 |
| 31 | Microwave hydrothermal synthesis and characterizations of NiS nano-needle. , 2009, , . | | 2 |
| 32 | Fabrication of Polystyrene-Encapsulated Nanodiamond via <i>In Situ</i> Latex Polymerization and their Wettability Evaluation. <i>Advanced Materials Research</i> , 2009, 79-82, 1839-1842. | 0.3 | 1 |
| 33 | Inorganic Chiral Hybrid Nanostructures for Tailored Chiroptics and Chirality-Dependent Photocatalysis. <i>Angewandte Chemie</i> , 0, , . | 1.6 | 0 |